



Design your eco friendly dream house using basic shapes and bright colours.

Dream Houses

Te Tuhi Workshop Yr 1 – 4
Throughout 2017

te tuhi



What we will learn.

During this Te Tuhi programme "Dream Houses" we connect art and geometry with architecture. We will think and learn how geometric shapes have inspired art, artists and many great buildings around the world.

In the art studio we will be inspired by the art of sculptor Gregor Kregar and will use a combination of different shapes, colour and paper to design a tangram styled artwork of our own dream house.

Suggested Pre Visit Discussion and Exercises

Before our gallery visit we will learn about...

Buildings from around the world

Discover **16 amazing buildings from around the world and discuss how these buildings differ to the buildings we see everyday.** Please download power point presentation "Dream Houses: lesson 1" from our webpage – www.tetuhi.org.nz/schools

Hidden Shapes

Using the presentation “Hidden Shapes”, explore 5 amazing buildings and find the geometric shapes within them. For Years 1-2 a template with shapes and names can be found at the end of this document. Please download power point presentation “Dream Houses: lesson 2” from our webpage – www.tetuhi.org.nz/schools

Artist Gregor Kregar

Learn about the art of Artist Gregor Kregaor. Please download power point presentation “Dream Houses: lesson 3” from our webpage – www.tetuhi.org.nz/schools

Fun Shape Games (extension activities)

3D Shapes

<http://illuminations.nctm.org/ActivityDetail.aspx?ID=70>

Matching Shape

<http://akidsheart.com/threer/lvl1/mixshapes2.htm>

Shape Sorter

http://www.primarygames.com/puzzles/match_up/shape_match/shape_match.htm

Suggested Post Visit Discussion and Exercises

After our visit we will extend our learning by exploring... Our Te Tuhi visit

What did we learn on our visit? What did we think about the artwork? We will talk about what we have learnt during our visit. This may include sharing our thoughts on the kind of art we observed, sharing the ideas we talked about in the gallery and the kind of art we created. We can then share this experience with others by:

- Writing a letter to someone special (mum or dad)
- Writing a post for our classroom blog page
- Record a video to post on our classroom blog page
- Record sound bites for school radio
- Scripting a short presentation for assembly
- Designing an advertisement for the school newsletter showing people why they should go to the art gallery.

Learning Outcomes / Levels 1-2 Visual Arts levels

Understanding the Arts in Context

During our pre visit exercise we will develop our ideas and understanding of shape, colour and transformation and how they influence art and artists.

Developing Ideas

During our pre visit exercises we will develop our ideas and understanding of architecture and how architecture as well as art is influenced by geometric shapes.

Developing Practical Knowledge

During our visit we will use a combination of different shapes, colour and paper to design our own dream house.

Communicating and Interpreting

During this school programme we will share our ideas and thoughts about the art we see and make. We will listen to how others have created their art.

Mathematics

Geometry: Shape, transformation

During our pre visit exercise “Hidden shapes” we will find and look out for specific shapes hidden in the buildings we see. During our visit we will use different types of shapes and organise them on paper to help show our dream house.



Image: Artist Gregor Kregar uses equilateral triangles made from recycled card to create these floating sculptures.

Key Competencies

At Te Tuhi all our workshops are designed with these key competencies in mind.

Thinking

Success Criteria: I know I will be successful if I...

- Share my opinions about the ideas we are discussing about the artworks
- Share my questions and confusions I have about the artworks and how they are represented
- Add to other people's ideas in group discussion

Using language, symbols and texts

Success Criteria: I know I will be successful if I...

- Make connections and think deeply about the artworks I see
- Listen carefully to the specialised art language that the Te Tuhi facilitator shares with us
- Respond in oral, visual or writing when sharing my ideas

Relating to others

Success Criteria: I know I will be successful if I...

- Listen actively when people are sharing their opinions
- Take my turn to share my ideas and opinions
- Work quietly in the art studio so that others can think and concentrate on their artwork to produce their best work

Participating and contributing

Success Criteria: I know I will be successful if I...

- Use my time productively by engaging in sharing my ideas
- Listen actively to the ideas of others
- Take a risk and share my questions or confusions to help my understanding.

Managing self

Success Criteria: I know I will be successful if I...

- Use a quiet voice when I am in a gallery space so other visitors can reflect on the artworks without disturbance
- Walk quietly and sensibly and show respect in the public gallery and art studio
- Use the gallery time to think deeply about what I am seeing and link my experiences to the artwork (important "think time")

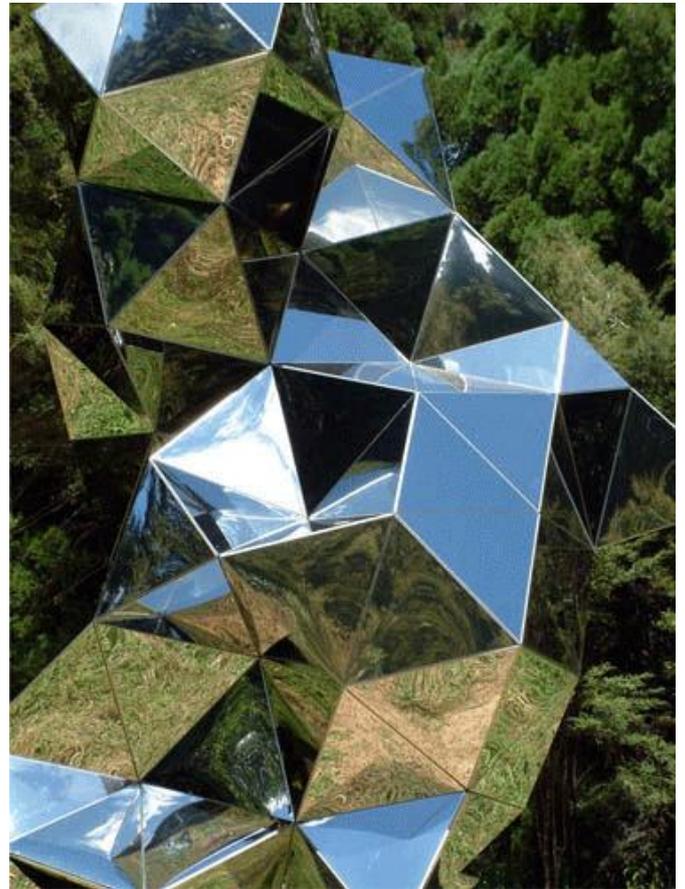
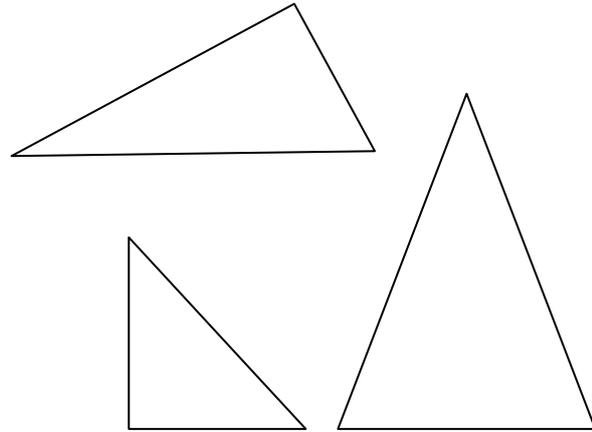


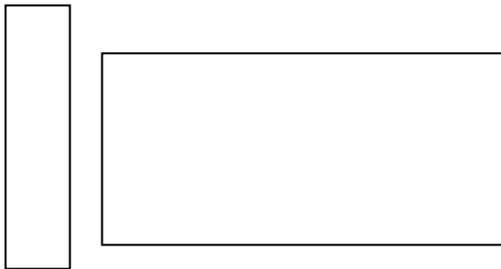
Image: Artist Gregor Kregar uses mirror polished stainless steel equilateral triangles for this outdoor sculpture.

Shape Sheet – Years 1-2

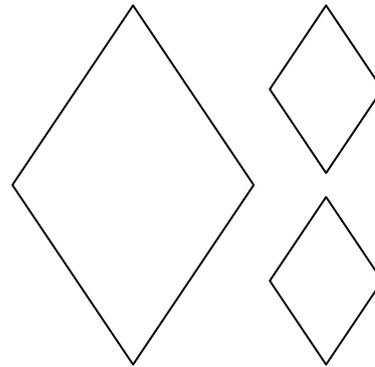
With the power point “Hidden Shapes” use this *Shape sheet* to find the hidden shapes in buildings .



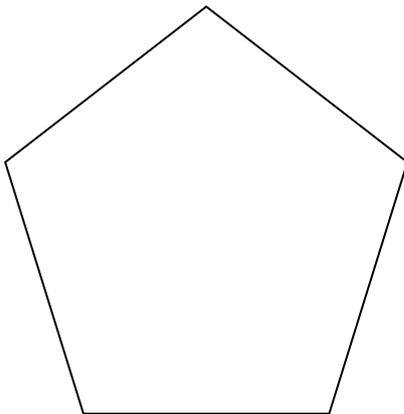
Triangles



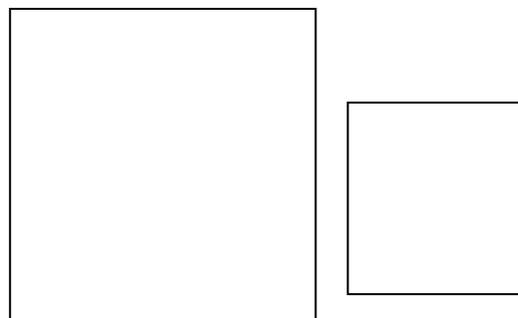
Rectangles



Diamonds



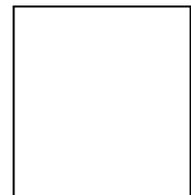
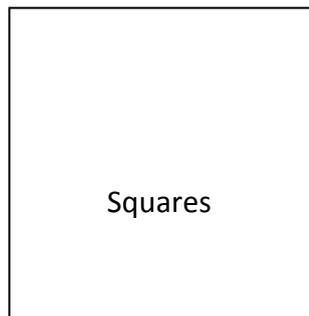
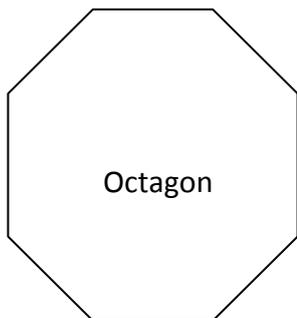
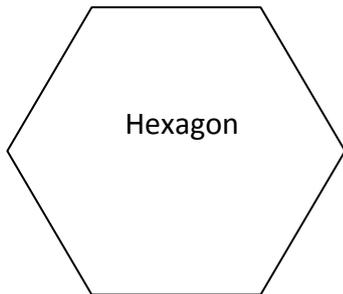
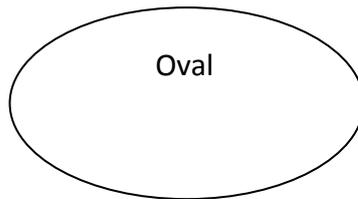
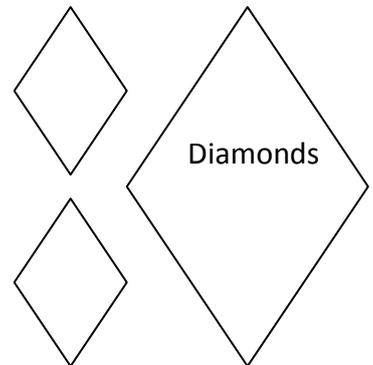
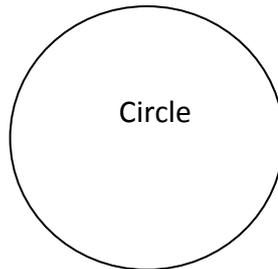
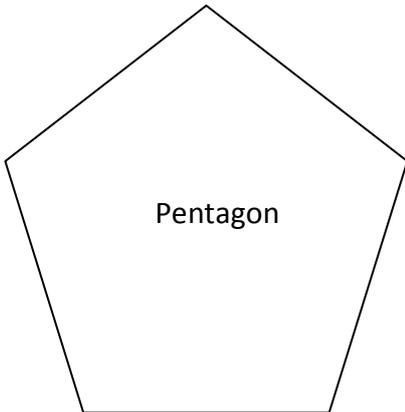
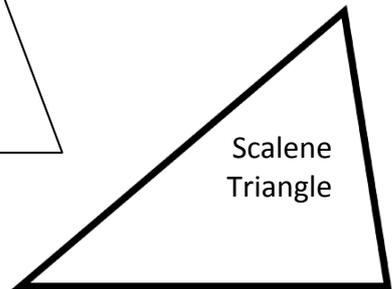
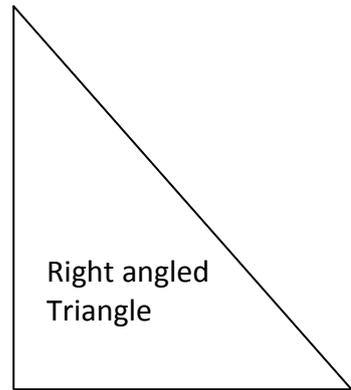
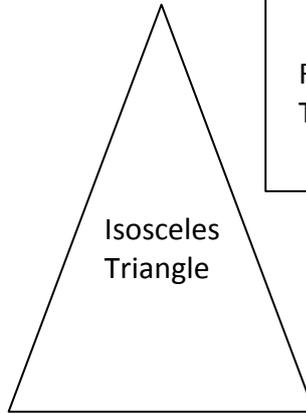
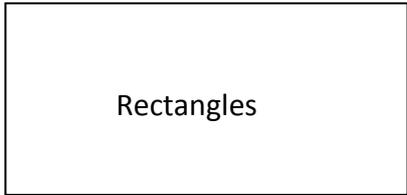
Pentagon



Squares

Shape Sheet – Years 3-4

With the power point “Hidden Shapes” use this *Shape sheet* to help find some of the hidden shapes in buildings.



Te Tuhi Risk Analysis Management Safety Checklist for Group Visits

The checklist identifies all possible risks and provides safety guidelines for groups taking part in Te Tuhi School Education Programmes. The following is a general guide only and we strongly advise a familiarisation visit. Our Education staff are happy to meet with you at this time.

Supervision of children and young people.

Please carry lists of children and young people at all times. Ensure that supervising adults are fully briefed as to their responsibilities. We require the below ratios of adult to children and young people. Children and young people must remain in groups with their accompanying adults at all times

Years 1 – 4	1:6
Years 5 – 7	1:7
Years 8 – 10	1:10
Year 11 – 13	1:25

Emergency procedures and first aid

Risk	Fire and earthquake.
Management	Emergency evacuation – this is signalled by an unmistakable warning sound. Gallery staff will provide directions and assistance during evacuations. Identify those who need special assistance and inform a gallery staff member. Keep your students calm – walk don't run. Gallery staff will direct you and your group to assembly areas. If relevant, check your roll and report anyone unaccounted for to the Gallery fire wardens.
Emergency	Staff trained in first aid. For minor injuries – first aid kit at gallery front of house. Major injuries call 111.
Risk	Accidents and illness.
Management	Please ask gallery staff member for trained first aid assistance. Any risk in studio-based sessions will be minimised by the programme's design and supervision. Students needing medication should have a supervising adult with the required medication.
Emergency	Staff trained in first aid. For minor injuries – first aid kit at gallery front of house. Major injuries call 111.

Internal Art Gallery environment

Risk	Security of personal belongings.
Management	Wherever possible, do not bring valuables. Schools: we request bringing as few belongings as possible. The Checklist for a Successful Visit gives the specifics of what you are allowed to bring. Care should be taken to avoid slips and trips by ensuring students walk at normal pace and watch where they are going. Care should be taken on entry and exiting the gallery glass front doors and around objects in the galleries and classroom.
Emergency	Staff trained in first aid. For minor injuries – first aid kit at gallery front of house. Major injuries call 111.

External environment

Risk	Pedestrians encounter vehicle traffic on main road at the front of Te Tuhi and car park behind Te Tuhi.
Management	The pre-visit information we supply you with includes a map of the Gallery and its environs. Bus stops, assembly points and pedestrian crossing are marked on this map. Care should be taken as students move from buses to the gallery and pedestrian crossing should be used by school groups crossing the road.
Emergency	Staff trained in first aid. For minor injuries – first aid kit at gallery front of house. Major injuries call 111.

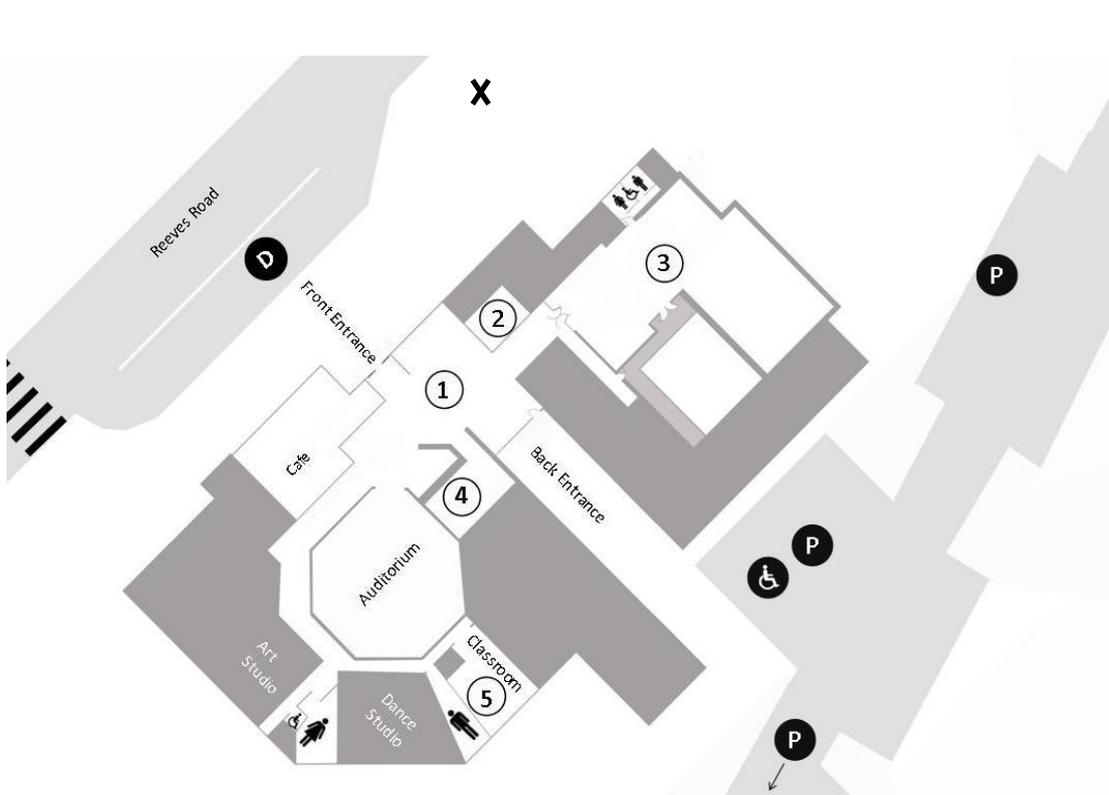
Location Map

Pakuranga, Auckland



- T** Te Tuhi
- P** Parking
- 1** Pakuranga Library
- 2** Westfield Mall / Food Court
- 3** Reserve / Playground

Te Tuhi Grounds



- 1** Foyer
- 2** Reception
- 3** Main Galleries
- 4** Project Space
- 5** Classroom
- D** Drop off zone only
- P** Parking
- ♿** Mobility parking bay
- ||** Pedestrian crossing
- X** Evacuation assembly point

Year 1 – 8 Primary and Intermediate Checklist for a Successful Visit

This quick checklist will help make your visit an enjoyable experience for both teachers and students. Please tick each circle when complete.

Prior to arrival

All teachers with students in the programme should have received and read through the following documents:

- Booking confirmation. Check information is correct.
- Teachers Pack. A description of the programme including curriculum links, links for pre-visit material, post visit ideas, a RAMs form and a map of the Gallery and surrounds.
- Programme schedule. Where and when for your group.

You will need to organise

Parents and other helpers for the visit. Adult supervision is essential at all times. The following adult : student ratio apply:

Years 1 – 4	1:6
Years 5 – 7	1:7
Years 8 – 10	1:10

Discuss the following guidelines with your group:

- Works of art and their frames cannot be touched (a 'keep one metre away' rule works well).
- Always move carefully when in the Gallery. Walk only, and be aware of what is around you at all times.
- The Gallery is a shared public space so please behave considerately to people around you.
- If you would like to take photographs during your visit please check with your host upon arrival (in some cases works cannot be photographed). Always turn your flash off in the Gallery.

On the day

- Ensure students wear legible name tags.
- Food and drink is to be consumed prior to or post programme session. Water bottles are welcome in the art studio only.
- All cell phones must be turned off – emergency use only.
- Payment. If your booked programme includes material costs we prefer to invoice your school after your visit. If you need to pay by cheque, you can do so on the day. Speak to the cashier while you are at the Gallery to clarify your choice, and to give exact student numbers for your visit.
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Te Tuhi

Learning Experiences Outside the Classroom

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